

No. 715,103.

Patented Dec. 2, 1902.

J. F. MASON.
BOTTLE.

(Application filed Mar. 16, 1901. Renewed Dec. 17, 1901.)

(No Model.)

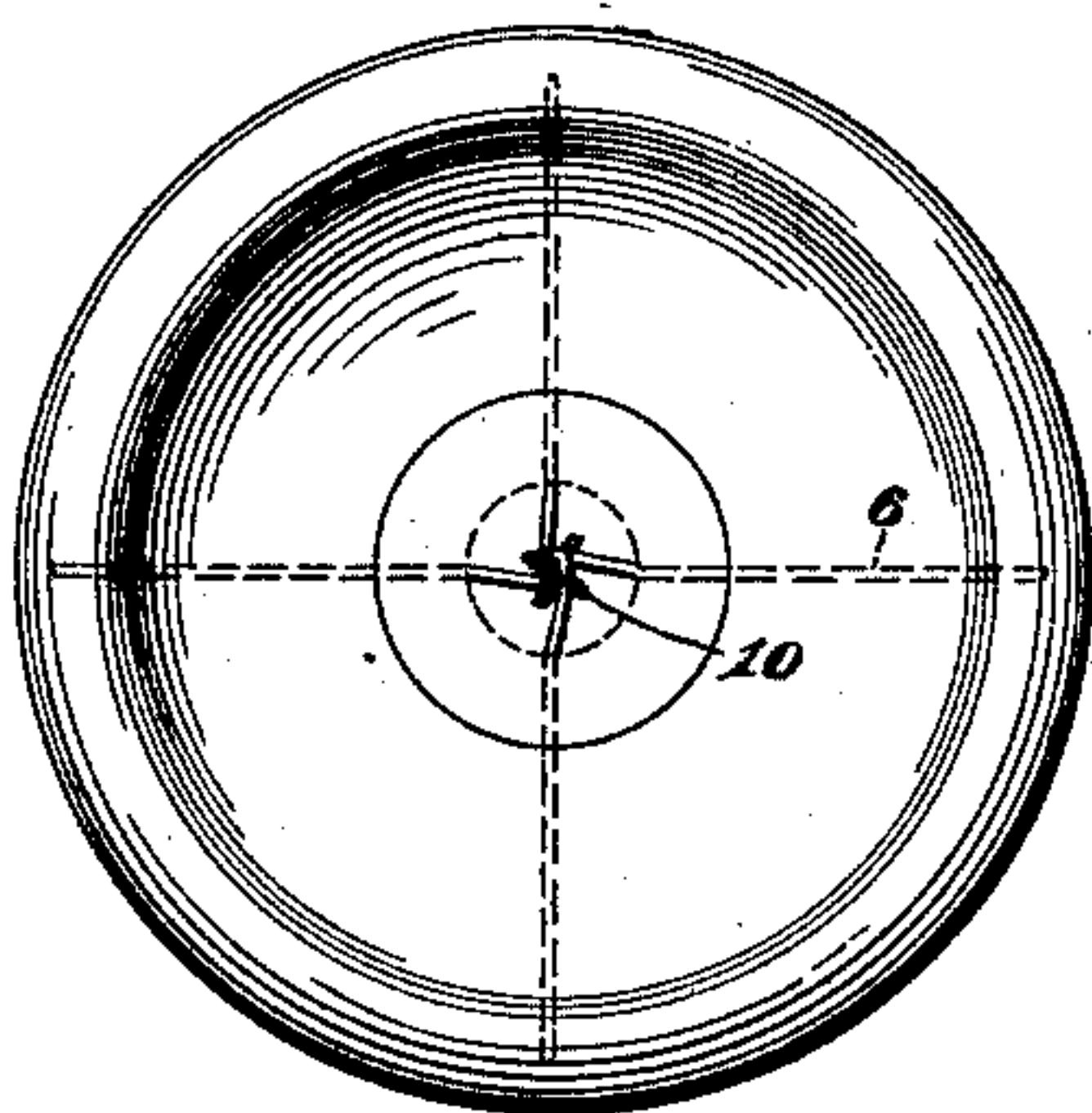
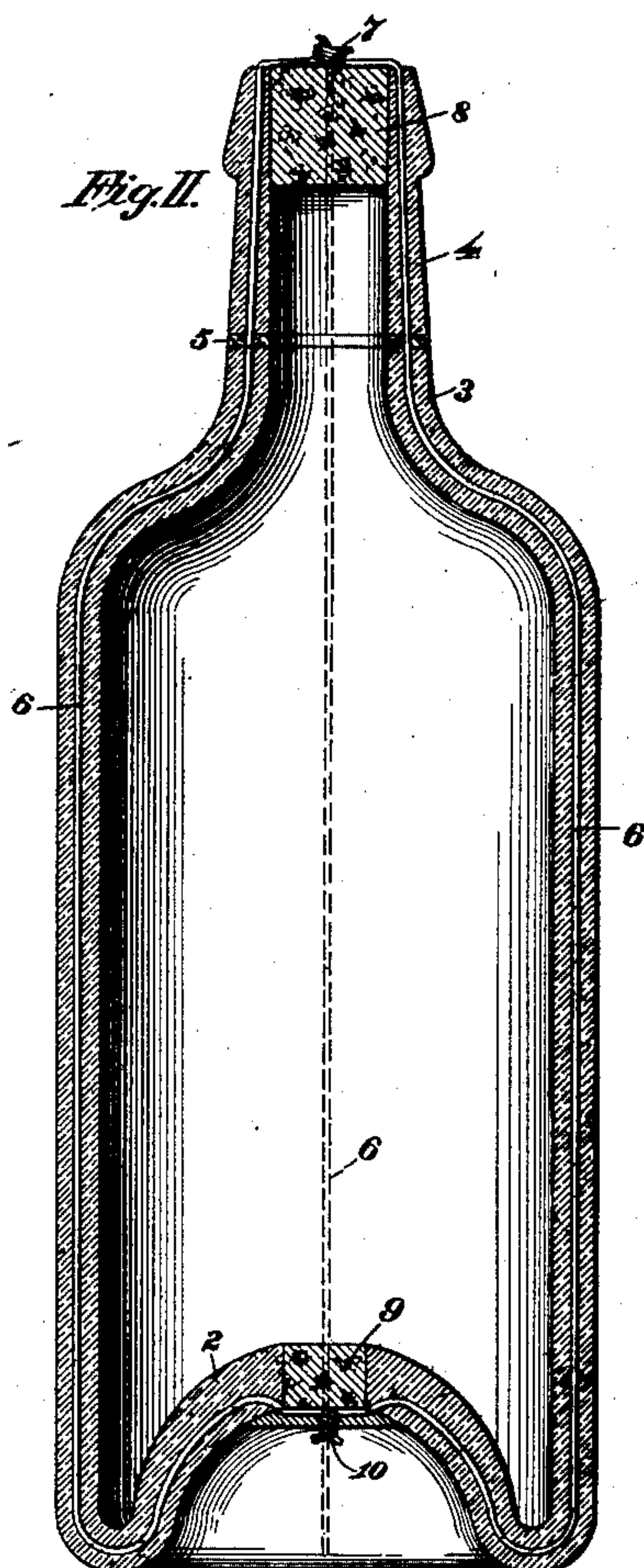
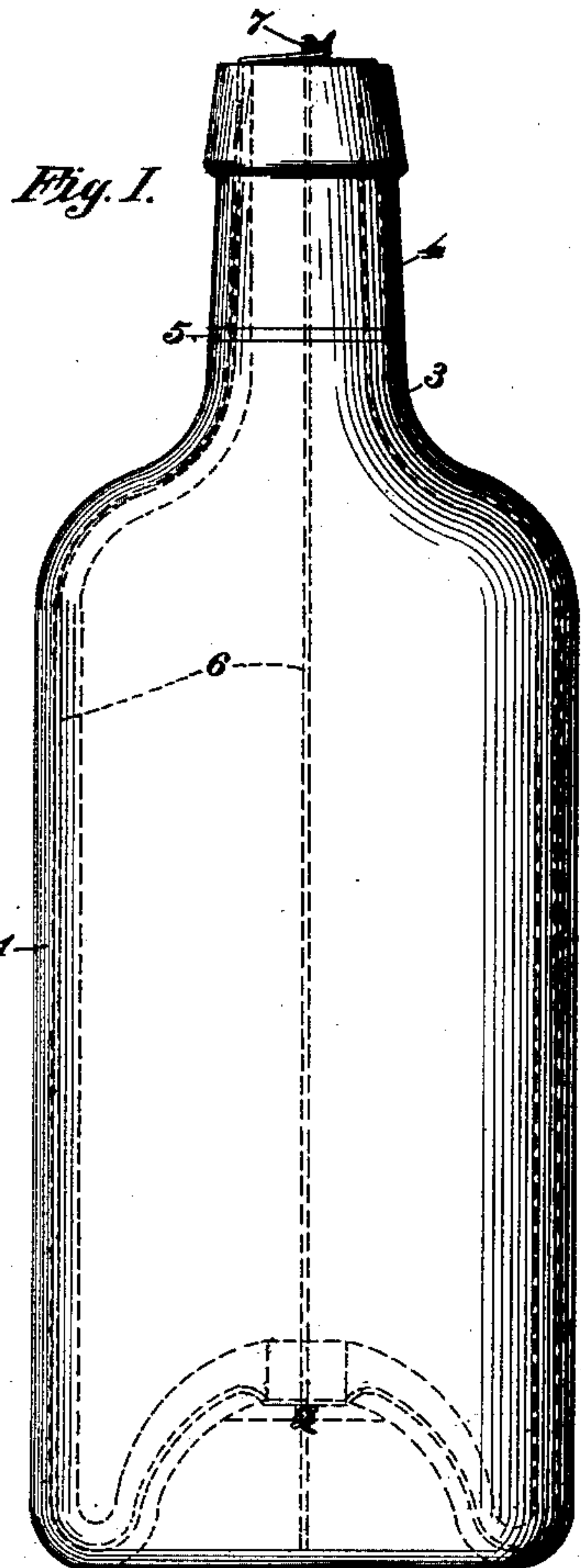


Fig. III.

WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN F. MASON, OF DES MOINES, IOWA.

BOTTLE.

SPECIFICATION forming part of Letters Patent No. 715,103, dated December 2, 1902.

Application filed March 16, 1901. Renewed December 17, 1901. Serial No. 86,293. (No model.)

To all whom it may concern:

Be it known that I, JOHN F. MASON, of Des Moines, in the county of Polk, State of Iowa, have invented certain new and useful Improvements in Bottles, of which the following is a complete specification, reference being had to the accompanying drawings.

The object of my invention is to produce an improved bottle which can be used but once and which after it has been once used cannot be refilled without presenting unmistakable evidence of the fact, which evidence cannot be removed.

In the accompanying drawings, Figure I is a side elevation of one form of embodiment of my invention in a complete bottle stoppered and sealed. Fig. II is a central vertical section of the subject-matter of Fig. I. Fig. III is a bottom plan view of the subject-matter of Fig. I.

Referring to the numerals on the drawings, 1 indicates the body of a bottle provided with a bottom 2 and a neck which is preferably, but not necessarily, composed of two parts 3 and 4, separably united as against a gasket 5.

My invention consists, broadly, in providing one or more sealing-wires 6, embedded in the body of the material of which the body of the bottle is composed. In the drawings four sealing-wires are shown, and these wires after the bottle is first filled are securely closed by any ordinary or preferred means—as, for example, by the twisted knot 7, overlapping the cork 8 of the bottle. The means employed for sealing or uniting the wires 6 should be such as will make it necessary to break or cut the wires in order to gain access to the contents of the bottle, after which the bottle cannot be again filled and sealed by the aid of the wires. A simple means for accomplishing the result specified is to make the wires of such material as will permit of twisting them but once without breaking, or other means may be substituted therefor.

In the drawings I illustrate in addition to the stopper 8 a stopper 9 in the bottom 2 of the bottle, over which the wires are twisted, as indicated at 10. This is merely done in

order the better to explain the principle of my invention and to show that the bottle may be closed from either end. Practically, of course, two stoppers would not be employed in the same bottle.

Another feature of my invention is to make the bottle in two parts, the body 1 with the portion 3 of the neck exemplifying one part and the portion 4 of the neck exemplifying the other part. The wires 6 may pass through the portion 4 of the neck or over the outside thereof and secure it in place against the gasket 5. If the wires are made to pass through the portion 4 of the neck, it would be desirable generally to thread them through apertures provided for them in the finished article, though if the stopper 9 be used a solid headed part 4 for the neck might be employed and the neck, with the wires 6 in it, manufactured in connection with the body 1. In that case in order to open the bottle it would be necessary to remove the part 4 of the neck, thereby breaking the wires 6 and mutilating the bottle against any possible future use other than removal of the contents of the bottle in the process of consumption.

My invention comprehends one or more sealing-wires embedded in the body of the material of which the bottle is composed and extending into the side or sides of the bottle, whereby the sealing-wire is not only irremovably secured to the bottle, but its presence is unmistakably apparent even to a casual observer. In the preferred form of embodiment of my invention illustrated I employ a plurality of sealing-wires embedded in the body of the material of which the bottle is composed and which, surrounding the bottle endwise, has projecting ends for the forming or attachment of a seal.

What I claim is—

1. As a new article of manufacture, a bottle provided with one or more sealing-wires embedded in the body of the material of which the bottle is composed, and extending therein substantially from top to bottom thereof.
2. As a new article of manufacture, a bottle surrounded by one or more sealing-wires

embedded in the body of the material of which the bottle is composed, and having the ends projecting for sealing purposes.

3. As a new article of manufacture, a bottle composed of two parts, a bottle proper being provided with a plurality of sealing-wires embedded in the body of the material of which the bottle is composed and surrounding the

bottle proper, and a separable part united by the wires to the bottle proper. 1c

In testimony of all which I have hereunto subscribed my name.

JOHN F. MASON.

Witnesses:

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KARL J. DANIEL.